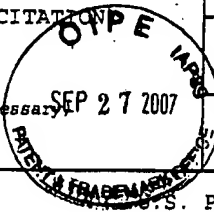


FORM PTO-2049
(REV. 7-80)INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

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ATTY. DOCKET NO.
KPN96-03A8SERIAL NO.
08/966,985APPLICANT
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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE 1 APPROPRIATE
JD	AA	4,010,322	03-01-77	Nathanson	358	233	
JD	AB	4,258,387	03-24-81	Lemelson, et al.	358	85	
JD	AC	4,336,524	06-22-82	Levine	340	311.1	
JD	AD	4,573,766	03-04-86	Bournay, Jr., et al.	350	345	
JD	AE	4,630,895	12-23-86	Abdala, Jr., et al.	350	345	
JD	AF	4,636,866	01-13-87	Hattori	358	236	
JD	AG	4,695,129	09-22-87	Faessen	350	96.25	
JD	AH	4,704,740	11-03-87	McKee, et al.	455	348	
JD	AI	4,814,876	03-21-89	Horio, et al.	358	160	
JD	AJ	4,837,817	06-06-89	Maemori	358	224	
JD	AK	4,856,045	08-08-89	Hoshina	379	53	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
JD	AL	0 172 473 A2	Feb-26-86	Europe	—	—	
JD	AM	0 344 881 A2	Dec-06-89	Europe	—	—	
JD	AN	0 352 914 A2	Jan-31-90	Europe	—	—	
JD	AO	0 424 880 A2	May-02-91	Europe	—	—	
JD	AP	0 438 362 A1	Jul-24-91	Europe	—	—	
JD	AQ	0 464 011 A1	Jan-02-92	Europe	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JD	AR	"Hand-held Videophone," Popular Science (1992, February)
JD	AS	"VideoPhone price cut to \$1,000," USA TODAY (1993, January 2)
JD	AT	"SA620 Integrated Front-End," Philips Electronics North America Corp. (1993)

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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
08	AA2	4,856,088	08-08-89	Oliwa, et al.	455	349	
08	AB2	4,873,576	10-10-89	Hattori, et al.	358	224	
08	AC2	4,916,441	04-10-90	Gombrich	340	712	
08	AD2	4,928,300	05-22-90	Ogawa, et al.	379	53	
08	AE2	4,934,773	06-19-90	Becker	350	6.6	
08	AF2	4,959,642	09-25-90	Sharples	340	716	
08	AG2	4,977,456	12-11-90	Furuya	358	213.13	
08	AH2	5,003,300	03-26-91	Wells	340	705	
08	AI2	5,008,658	04-16-91	Russay, et al.	340	784	
08	AJ2	5,008,788	04-16-91	Palinkas	362	231	
08	AK2	5,023,931	06-11-91	Streck, et al.	455	21	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NC
08	AL2	0 472 361 A2	Feb-26-92	Europe	—	—	
08	AM2	0 491 639 A1	Jun-24-92	Europe	—	—	X
08	AN2	0 526 802 A2	Feb-10-93	Europe	—	—	X
08	AO2	0 535 401 A1	Apr-07-93	Europe	—	—	
08	AP2	0 539 699 A2	May-05-93	Europe	—	—	
08	AQ2	0 539 907 A3	May-05-93	Europe	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

08	AU	Kummerow, T., Meurer, W., "Bildtelefon - ein Kommunikationsdienst im ISDN ab 1991," Telenorma Nachrichten, Telenorma Bosch Gruppe 1989 Heft 93, pp. 52, 53, index and cover page
08	AV	Linder, Ben, "A whole lot smarter," Telephony, pp. 22, 23, 26, 28 and cover (May 19, 1997)
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U.S. PATENT DOCUMENTS

EXAM- INER INT- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
08	AA3	5,042,918	08-27-91	Suzuki	359	59	
08	AB3	5,048,077	09-10-91	Wells, et al.	379	96	
08	AC3	5,077,784	12-31-91	Fujita, et al.	379	53	
08	AD3	5,079,627	01-07-92	Filo	358	85	
08	AE3	5,106,179	04-21-92	Kamaya, et al.	351	158	
08	AF3	5,111,498	05-05-92	Guichard, et al.	379	53	
08	AG3	5,122,880	06-16-92	Nagano	358	209	
08	AH3	5,132,825	07-21-92	Miyadera	359	85	
08	AI3	5,138,312	08-11-92	Tsukamoto, et al.	340	825.44	
08	AJ3	5,162,828	11-10-92	Furness, et al.	353	122	
08	AK3	5,164,833	11-17-92	Aoki	358	224	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
08	AL3	0 547 493 A1	Jun-23-93	Europe	—	—		
08	AM3	0 551 781 A1	Jul-21-93	Europe	—	—		
08	AN3	0 626 773 A1	Nov-30-94	Europe	—	—		X
08	AO3	EP 0 626 773 B1	Nov-30-94	Europe	—	—		X
08	AP3	0 689 350 A2	Dec-27-95	Europe	—	—		
08	AQ3	EP 0 732 606 A2	Sep-18-96	Europe	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	AA4	5,164,980	11-17-92	Bush, et al.	379	53	
<i>JS</i>	AB4	5,185,712	02-09-93	Sato, et al.	358	224	
<i>JS</i>	AC4	5,189,632	02-23-93	Paaanen, et al.	364	705.05	
<i>JS</i>	AD4	5,206,749	04-27-93	Zavracky, et al.	359	59	
<i>JS</i>	AE4	5,220,366	06-15-93	King	354	76	
<i>JS</i>	AF4	5,224,198	06-29-93	Jachimowicz, et al.	385		
<i>JS</i>	AG4	5,256,562	10-26-93	Vu, et al.	437	86	
<i>JS</i>	AH4	5,258,325	11-02-93	Spitzer, et al.	437	86	
<i>JS</i>	AI4	5,260,625	11-09-93	Holden, et al.	313	486	
<i>JS</i>	AJ4	5,281,957	01-25-94	Schoolman	345	8	
<i>JS</i>	AK4	5,300,788	04-05-94	Fan, et al.	257	13	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<i>JS</i>	AL4	92/12453	Jul-23-92	WO	—	—	
<i>JS</i>	AM4	93/01583	Jan-21-93	WO	—	—	
<i>JS</i>	AN4	93/16550	Aug-19-93	WO	—	—	
<i>JS</i>	AO4	93/18428	Sep-16-93	WO	—	—	
<i>JS</i>	AP4	93/23783	Nov-25-93	WO	—	—	
<i>JS</i>	AQ4	94/01958	Jan-20-94	WO	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE APPROPRIATE
JS	AA5	5,300,976	04-05-94	Lim, et al.	354	219	
JS	AB5	5,305,244	04-19-94	Newman, et al.	364	708.1	
JS	AC5	5,311,206	05-10-94	Nelson	345	89	
JS	AD5	5,317,236	05-31-94	Zavracky, et al.	315	169.3	
JS	AE5	5,321,416	06-14-94	Bassett, et al.	345	8	
JS	AF5	5,325,429	06-28-94	Kurgan	379	429	
JS	AG5	5,335,276	08-02-94	Thompson, et al.	380	21	
JS	AH5	5,347,378	09-13-94	Handschy, et al.	359	53	
JS	AI5	5,347,400	09-13-94	Hunter	359	815	
JS	AJ5	5,362,671	11-08-94	Zavracky, et al.	437	81	
JS	AK5	5,371,493	12-6-94	Sharpe, et al.	340	825.34	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
JS	AL5	94/09398	Apr-28-94	WO	—	—	
JS	AM5	94/11775	May-26-94	WO(English Abstract)	—	—	X
JS	AN5	94/14152	Jun-23-94	WO	—	—	
JS	AO5	95/11473	Apr-27-95	WO	—	—	
JS	AP5	95/25983	Sep-28-95	WO	—	—	
JS	AQ5	95/26110	Sep-28-95	WO	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE APPROPRIATE
AB	AA6	5,376,979	12-27-94	Zavracky, et al.	353	122	
AB	AB6	5,381,179	01-10-95	Kashimura	348	376	
AB	AC6	5,404,580	04-04-95	Simpson, et al.	455	89	
AD	AD6	5,412,396	05-02-95	Nelson	345	89	
AE	AE6	5,422,656	06-06-95	Allard, et al.	345	173	
AF	AF6	5,444,557	08-22-95	Spitzer, et al.	359	59	
AG	AG6	5,469,278	11-21-95	Takahara, et al.	359	51	
AH	AH6	5,483,285	01-09-96	Lim, et al.	348	341	
AI	AI6	5,485,318	01-16-96	Lebby, et al.	359	811	
AJ	AJ6	5,485,504	01-16-96	Ohnsorge	379	58	
AK	AK6	5,486,708	01-23-96	Takahashi, et al.	257	59	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AL	AL6	96/19794	Jun-27-96	WO	—	—	
AM	AM6	96/21173	Jul-11-96	WO	—	—	
AN	AN6	96/21205	Jul-11-96	WO	—	—	
AO	AO6	96/35288	Nov-07-96	WO	—	—	X
AP	AP6	97/01240	Jan-09-97	WO	—	—	
AQ	AQ6	2,123,461	Nov-15-94	Canada	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE I APPROPRIATE
JD	AA7	5,515,424	05-07-96	Kenney	379	96	
JD	AB7	5,528,285	06-18-96	Morikawa, et al.	348	14	
JD	AC7	5,541,640	07-30-96	Larson	348	19	
JD	AD7	5,548,271	08-20-96	Tsuchiyaama, et al.	340	311.1	
JD	AE7	5,549,747	08-27-96	Bozler, et al.	117	43	
JD	AF7	5,561,538	10-01-96	Kato, et al.	359	40	
JD	AG7	5,584,070	12-10-96	Harris, et al.	455	346	
JD	AH7	5,585,948	12-17-96	Petera	349	143	
JD	AI7	5,596,451	01-21-97	Handschy, et al.	359	633	
JD	AJ7	5,608,553	03-04-97	Kim	349	61	
JD	AK7	5,642,129	06-24-97	Zavracky, et al.	345	100	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
JD	AL7	27 15 446	Oct-12-78	Germany	—	—	X
JD	AM7	DE 38 28 485 A1	Mar-01-90	Germany (English Abstract)	—	—	X
JD	AN7	G 92 00 683.3	Jun-06-92	Germany	—	—	X
JD	AO7	28 20 096	Nov-15-79	Germany (English Abstract)	—	—	X
JD	AP7	2 242 335 A	Sep-25-91	UK	—	—	
JD	AQ7	2,612,351	Sep-16-88	France	—	—	X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE I APPROPRIATE
AB	AA8	5,646,432	07-08-97	Iwaki, et al.	257	347	
AB	AB8	5,486,946	01-23-96	Jachimowicz, et al.	359	263	
AB	AC8	5,539,554	07-23-96	Lebby, et al.	359	83	
	AD						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AB	AL8	63-151283	Jun-23-88	Japan(English Abstract)	—	—	X
AB	AM8	3-53785	Mar-07-91	Japan(English Abstract)	—	—	X
AB	AN8	62-91045	Apr-25-87	Japan(English Abstract)	—	—	X
AB	AO8	2-218251	Aug-30-90	Japan(English Abstract)	—	—	X
AB	AP8	3-136487	Jun-11-91	Japan(English Abstract)	—	—	X
AB	AQ8	5-14550	Jan-22-93	Japan(English Abstract)	—	—	X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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				APPLICANT Jacobsen et al.			
				FILING DATE November 10, 1997		GROUP 2774 2628	

U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO.
<i>08</i>	AL9	7-177398	Jul-14-95	Japan (English Abstract)	—	—	X
<i>08</i>	AM9	2-196570	Aug-03-90	Japan (English Abstract)	—	—	X
<i>08</i>	AN9	8-129157	May-21-96	Japan (English Abstract)	—	—	X
<i>08</i>	AO9	8-149346	Jun-07-96	Japan (English Abstract)	—	—	X
<i>08</i>	AP9	9-55872	Feb-25-97	Japan (English Abstract)	—	—	X
<i>08</i>	AQ9	9-26617	Jan-28-97	Japan	—	—	X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE APPROPRIATE
	AA						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<i>JP</i>	AL10	8-76078	Mar-22-96	Japan	1	1	X
<i>JP</i>	AM10	8-340546	Dec-24-96	Japan	1	1	X
<i>JP</i>	AN10	8-154190	Jun-11-96	Japan	1	1	X
<i>JP</i>	AO10	8-95027	Apr-12-96	Japan (English Abstract)	1	1	X
<i>JP</i>	AP10	61-139177	Jun-26-86	Japan (English Abstract)	1	1	X
<i>JP</i>	AQ10	8-102877	Apr-16-96	Japan (English Abstract)	1	1	X

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<i>ls</i>	AL11	8-248499	Sep-27-96	Japan (English Abstract)	—	—	X
<i>ls</i>	AM11	8-114783	May-07-96	Japan	—	—	X
<i>ls</i>	AN11	8-149485	Jun-07-96	Japan	—	—	X
<i>ls</i>	AO11	5-252523	Sep-28-93	Japan	—	—	X
<i>ls</i>	AP11	1-160286	Jun-23-89	Japan (English Abstract)	—	—	X
<i>ls</i>	AQ11	2-113656	Apr-25-90	Japan (English Abstract)	—	—	X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE APPROPRIATE
	AA						
	AB						
	AC						
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	AG						
	AH						
	AI						
	AJ						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
JJ	AL12	7-235892	Sep-05-95	Japan	—	—	X
JJ	AM12	3-105383	May-02-91	Japan	—	—	X
JJ	AN12	6-123852	May-06-94	Japan	—	—	X
JJ	AO12	2 308 486	Dec-21-95	United Kingdom	—	—	
JJ	AP12	2 289 555	May-17-95	United Kingdom	—	—	
JJ	AQ12	141,308	May-20-94	Japan	—	—	X

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